



#12158
6/5/03

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BY: Raquel M. Alvarez DATE: May 27, 2003

PATENT
MAIL STOP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of : Group Art Unit :1637
Clark A. Rundell *et al.* :
:
Appln. No.: 09/866,283 : Examiner: Teresa E. Strzelecka
:
Filed: May 25, 2001 :
:
For: COMPOSITIONS AND METHODS : Attorney Docket
RELATING TO NUCLEIC ACID : No. 53650-5001
REFERENCE STANDINGS :
:

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TRANSMITTAL OF FORMAL DRAWINGS

TECH CENTER 1600/2900

Attention Official Draftsperson:

Enclosed are eleven (11) sheets of formal drawings, Figures 1 through 9, corresponding to the above identified application. It is respectfully submitted that the enclosed formal drawings are in acceptable form.

Respectfully submitted,

CLARK A. RUNDELL ET AL.

May 27, 2003
(Date)

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Attorney for Applicants

RMA/QDN

Enclosures: Eleven (11) sheets of formal drawings

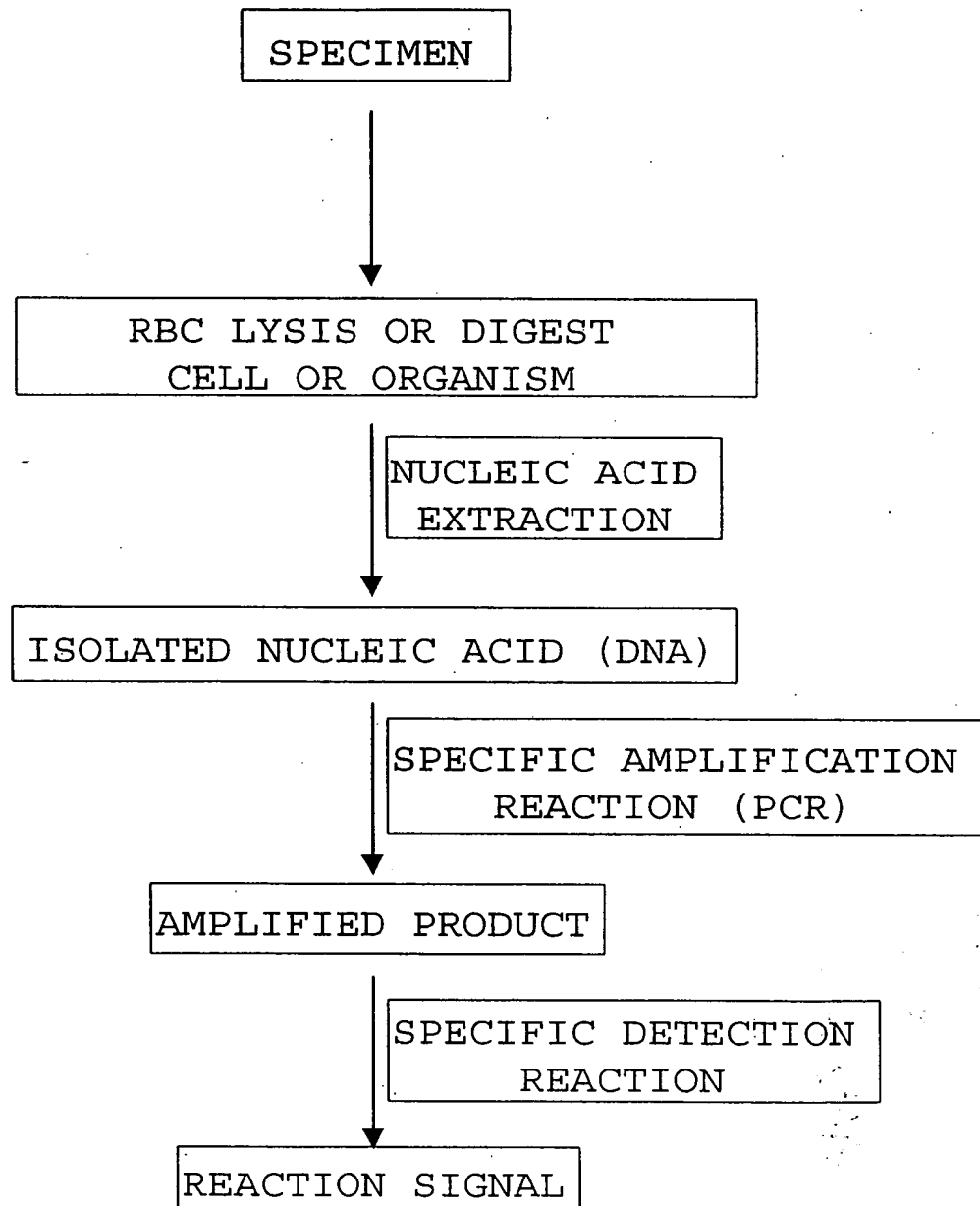
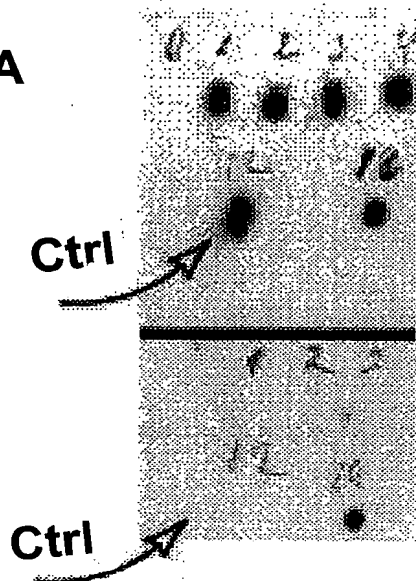


FIGURE 1

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Fig 2A

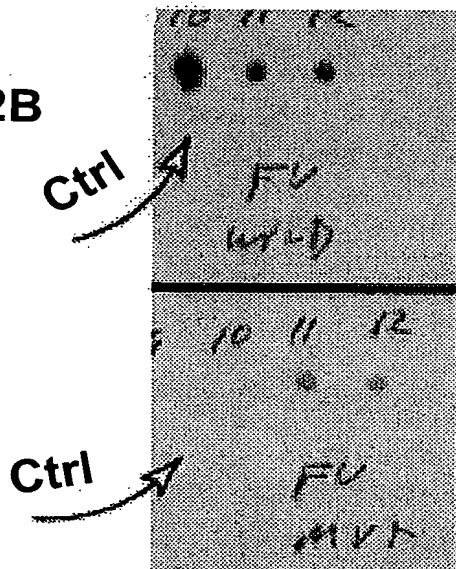


Day 9

WT probe

Mut probe

Fig 2B

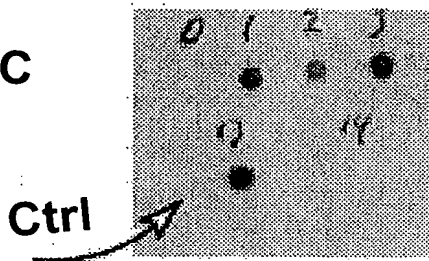


Day 26

WT probe

Mut probe

Fig 2C



Day 70

WT probe

Fig 2D

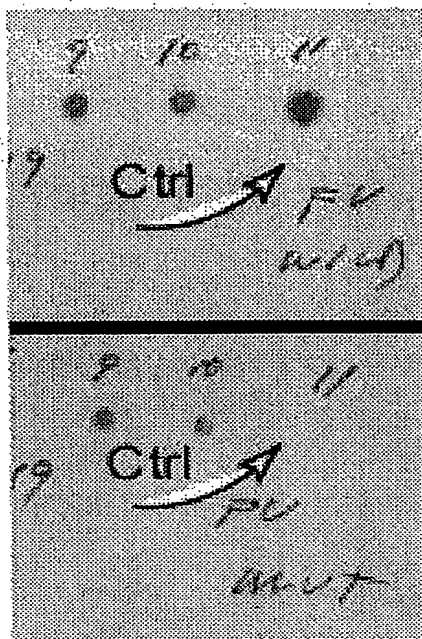
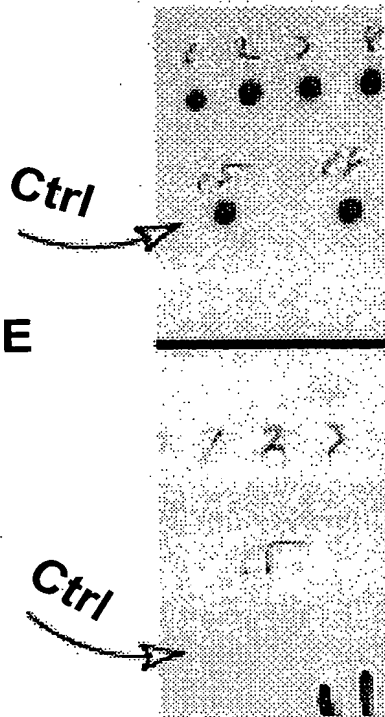


Fig 2E



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Fig 2F

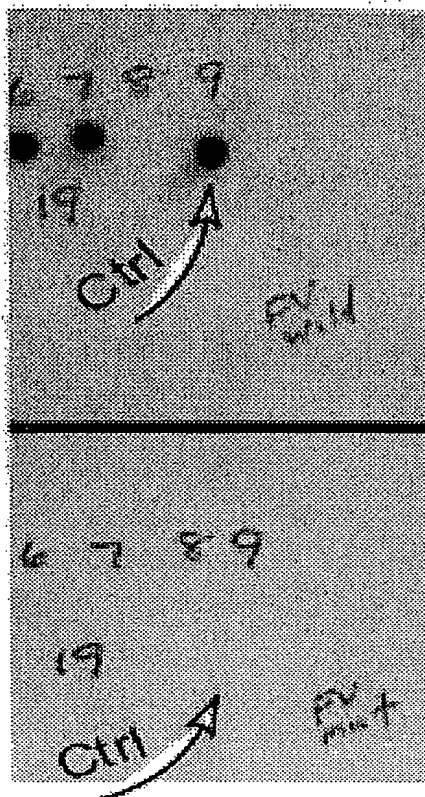
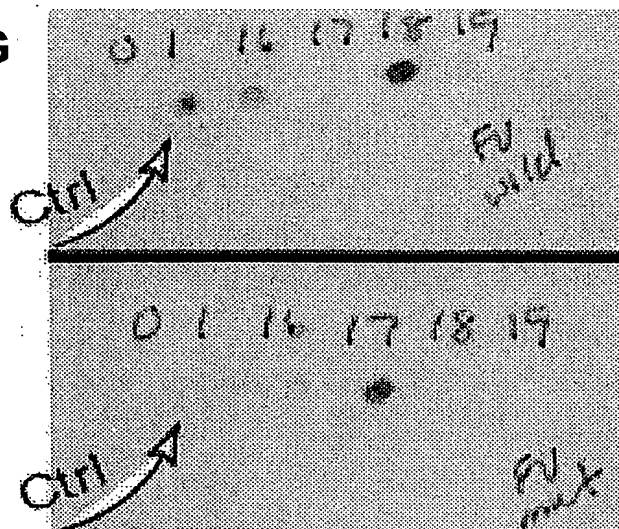


Fig 2G





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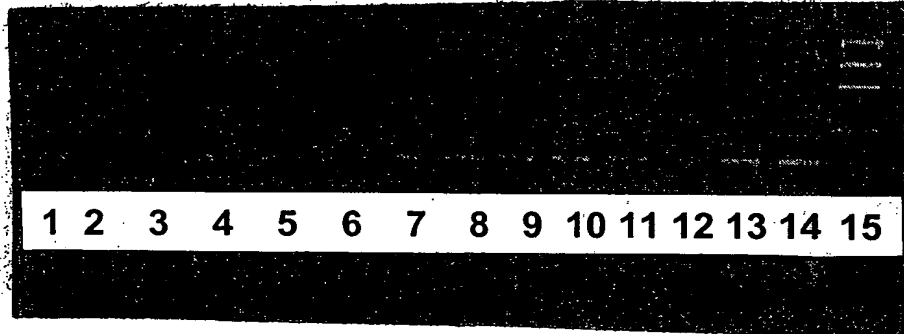


FIGURE 3



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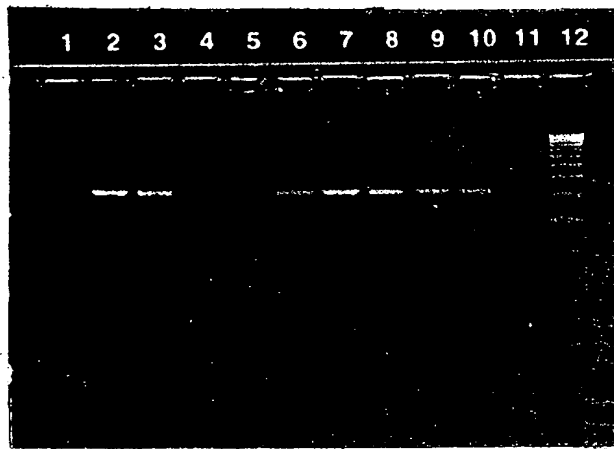


FIGURE 4



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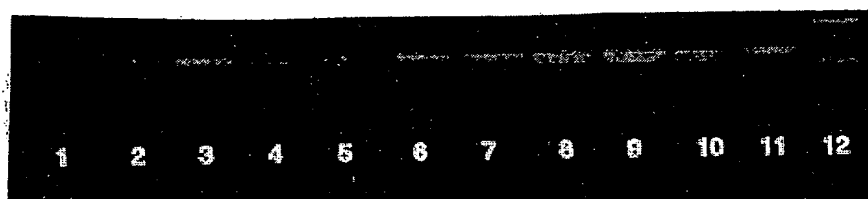
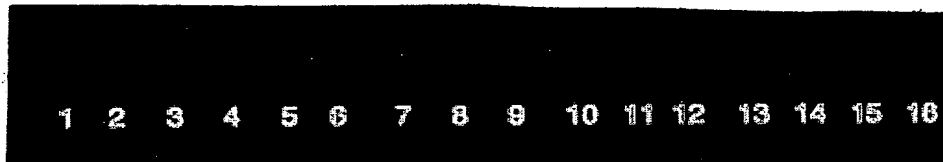


FIGURE 5

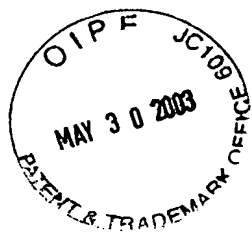


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FIGURE 6



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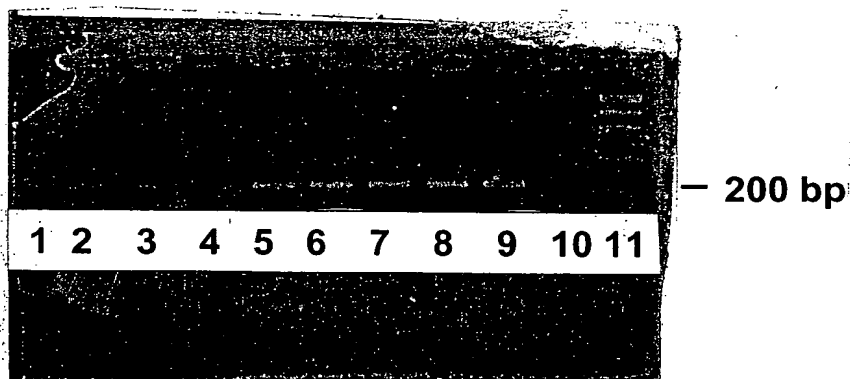


FIGURE 7

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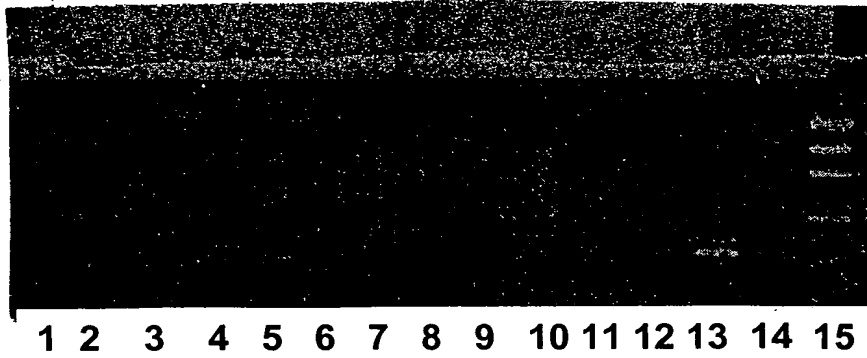


FIGURE 8



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62521 AAAGAGCTTTATACCTTTTACCAGATGGTATCTCACTGAACCCCAACAGACCTGTAAACA
62581 TTTTGTAGGAGGTTATTACCCATTGATAAAGGAAGAAATTAGGAAAGGCTAATCAACT
62641 TGCTCAACACATCCAATACCAACAGACCTGGAAATTTGAAACTAAGACAAAATATGTTATC
62701 AACTCTAGACTTGCCTTCGGCAGTGATGGTACTGATAAAAATAGACAAAACAAAAA
62761 AAAAAAATAAATGTTATCACACTGGTGCTAAAAGGACTACTTGACAATTACTGTTCTC
62821 TTGAAGGAAATGCCCCATTATTAGCCAGGAGACCTAAACATGTTCTAGCCAGAAATAAT
62881 CTCAGAAATTTCTGAAAGGTTACTTCAAGGACAAAAATACCTGTATTCTTGCCTGTCCAGG
62941 GATCTGCTCTTACAGATTAGAAAGTAGTCTTATAGCCAGAGGGGATGTTCTCTCATGATG
63001 TCCACGTCACTGTAGTATGGTCTTTGTTAAGCACTGGGCATCATTTTCTGTGGTTTCATCA
63061 AACTCTAAGATGTTCCACTTATAAGTATAGGTTTCCCCCTGGTTGAACCTGCTCTGATCATG
63121 GTGTTGTTCTGCCTGAAAGAAAATATATTCAAAAATGTTTTCATTTGCAAAGTTATTTTC
63181 ATGATAATAAATAAATAAAGCTTTCGCTGGAACCAATTAATAATTGCAAAAAGGAATTC
63241 TTTTATTTTATTTTTTTTTTAAATTATACTTTAAGTTCTAGGGTACATGTGCACAAACGTGC

FIGURE 9